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Fairphone 5

Fairphone 5 is a smartphone designed and marketed by Fairphone, following its Fairphone 4. Announced on 30 August 2023, the Fairphone 5 has been shipping since 14 September 2023.[6] As of August 2023, the company was focused on Western Europe with no planned expansions into the United States.[7]

Specifications

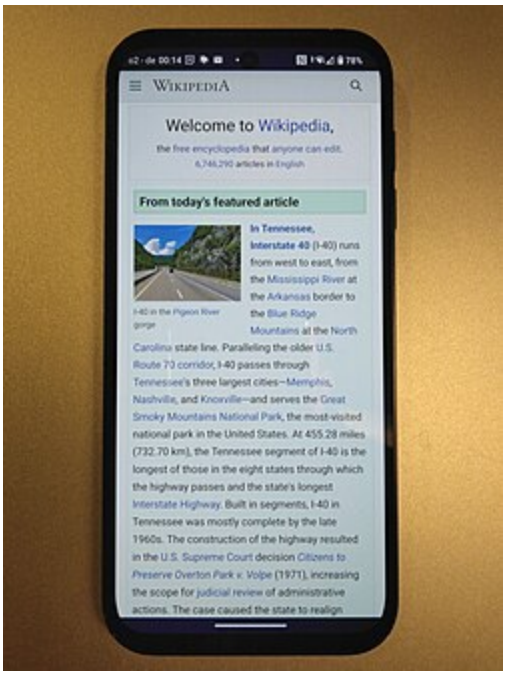
Fairphone 5 is a modular smartphone, making it easily repairable and customisable by the user. It supports 5G and Wi-Fi 6E connectivity, and has a 4,200 mAh user replaceable battery. The phone is sold in configurations with 128 GB of storage and 6 GB RAM,[8] and 256 GB of storage and 8 GB RAM. It has three 50 MP cameras with optical image stabilization, an IP55 rating, and a 90 Hz refresh rate.[7]

The phone ships with Android 13, though users can switch to other operating systems.[7] It is reported that it will receive five major Android updates and eight years of security patches.[9] This is possible because the system-on-chip it uses is intended for industrial internet of things applications and will have a longer support life than a SoC intended for consumer devices.[10]

Reception

Samuel Gibbs of The Guardian applauded the effort to create the most sustainable and longest-lasting phone while noting the tradeoffs that come with this long-lasting phone.[11] The Verge called the phone a "lesson in delayed gratification", referring to the higher upfront cost for a longer lasting phone.[12] *Wired* described it as "mediocre" but "all about the

Fairphone 5



Fairphone 5

Brand	Fairphone
Type	Phablet
First released	30 August 2023
Availability by region	Western Europe
Discontinued	January 2026[1]
Units sold	46,000+[2]
Predecessor	Fairphone 4
Successor	Fairphone 6
Form factor	Slate
Dimensions	161.6 mm × 75.83 mm × 9.6 mm (6.362 in × 2.985 in × 0.378 in)
Weight	212 g (7.5 oz)
Operating system	**Original:** Android 13 **Upgradable:** Android 14[3] Android 15[4]

mission."[13] *DxOMark* gave the phone a score of 108 for the camera, ranking it at 103rd among all phones, and 25th among phones within the similar price range. It mentions that the Fairphone 5 is a: "Significant improvement in camera performance, both in photo and video, over its predecessor."[14] *Android Police* praised the phone for finally having a "modern design" but expressed concerns about how the processor will perform after years of use.[15]

System-on-chip	Qualcomm QCM6490
CPU	Kryo 670
GPU	Adreno 643
Memory	6 GB, 8 GB
Storage	128 GB, 256 GB
Removable storage	Micro SD up to 2 TB
SIM	Nano SIM and eSIM
Battery	Li-Ion 4200 mAh
Charging	30 W fast charging
Rear camera	2 modules. 50 MP, f/1.88, (wide), 1/1.56", 1.0µm, PDAF, OIS, 48 MP, f/2.2, (ultrawide), 1/2.51", 0.7µm, PDAF, TOF 3D, (depth)
Front camera	50 MP, f/2.45, (wide), 1/2.6", 0.64µm
Display	90 Hz 6.46″ OLED FHD+ display with 1224 × 2700 pixels, 20:9 ratio (≈459 PPI density)
Connectivity	Wi-Fi 6E · Bluetooth 5.2 · NFC · Dual band GNSS (GPS/GLONASS/BeiDou/Galileo) · USB-C 3.0 (DisplayPort, USB-OTG)
Data inputs	Accelerometer · Ambient light sensor · Fingerprint scanner · Gyroscope · Digital compass · Proximity sensor
Water resistance	IP55
Website	shop.fairphone.com/fairphone-5 (https://shop.fairphone.com/fairphone-5)
References	[5]

See also

- List of open-source mobile phones
- Modular phone

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Teardown of Fairphone 5, showing internal components of the phone

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